

=> d his

(FILE 'HOME' ENTERED AT 15:34:36 ON 09 DEC 2004)

FILE 'CAPLUS' ENTERED AT 15:35:02 ON 09 DEC 2004

L1 1 S US5527789/PN
SELECT L1 1 RN
L2 11646 S E1-E15
L3 3577 S E3-E12

FILE 'REGISTRY' ENTERED AT 15:37:12 ON 09 DEC 2004

L4 1 S 303-95-7/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 15:37:28 ON 09 DEC 2004

L5 1 S 2394-68-5/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 15:39:52 ON 09 DEC 2004

L6 1 S US4956355/PN
SELECT L6 1 RN
L7 9542 S E16-E18

FILE 'REGISTRY' ENTERED AT 15:40:39 ON 09 DEC 2004

L8 1 S 28507-02-0/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 15:40:58 ON 09 DEC 2004

L9 1 S 53-43-0/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'CAPLUS' ENTERED AT 15:42:38 ON 09 DEC 2004

L10 1 S L7 AND NYCE

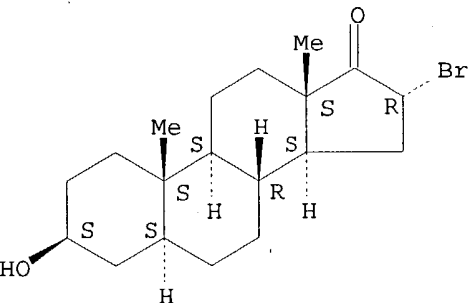
FILE 'USPATFULL, USPAT2' ENTERED AT 15:44:02 ON 09 DEC 2004

L11 3 S L7 OR L3
E NYCE J/IN
L12 23 S E4

=>

RN 28507-02-0 REGISTRY
 CN Androstan-17-one, 16-bromo-3-hydroxy-, (3 β ,5 α ,16 α)- (9CI)
 (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 5 α -Androstan-17-one, 16 α -bromo-3 β -hydroxy- (6CI, 7CI,
 8CI)
 OTHER NAMES:
 CN 16 α -Bromo-3 β -hydroxy-5 α -androstan-17-one
 CN 16 α -Bromoepiandrosterone
 CN 3 β -Hydroxy-16 α -bromo-5 α -androstan-17-one
 CN HE 2000
 FS STEREOSEARCH
 MF C19 H29 Br O2
 CI COM
 LC STN Files: BEILSTEIN*, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT,
 DDFU, DRUGU, IPA, MEDLINE, PROUSDDR, SYNTHLINE, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP
 (Properties); USES (Uses); NORL (No role in record)
 RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation);
 RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological
 study)

Absolute stereochemistry.

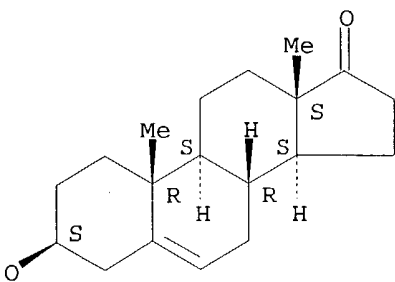


***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

57 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 57 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 53-43-0 REGISTRY
 CN Androst-5-en-17-one, 3-hydroxy-, (3 β)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Androst-5-en-17-one, 3 β -hydroxy- (8CI)
 OTHER NAMES:
 CN Δ 5-Androsten-3 β -ol-17-one
 CN 17-Chetovis
 CN 17-Hormoforin
 CN 3 β -Hydroxy- Δ 5-androsten-17-one
 CN 3 β -Hydroxyandrost-5-en-17-one
 CN 3 β -Hydroxyandrost-5-ene-17-one
 CN 5,6-Dehydroisoandrosterone
 CN 5,6-Didehydroisoandrosterone
 CN 5-Androsten-3 β -ol-17-one
 CN 5-Dehydroepiandrosterone
 CN Androst-5-ene-3 β -ol-17-one
 CN Androstenolone
 CN Astenile
 CN Deandros
 CN Dehydro-epi-androsterone
 CN Dehydroepiandrosterone
 CN Dehydroisoandrosterone
 CN DHA
 CN DHEA
 CN Diandron
 CN Diandrone
 CN GL 701
 CN IM 28
 CN NSC 9896
 CN Prasterone
 CN Psicosterone
 CN Siscelar plus
 CN trans-Dehydroandrosterone
 PS STEREOSEARCH
 DR 9013-35-8, 105597-37-3, 108673-53-6
 MF C19 H28 O2
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS,
 CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM,
 CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSDRUGNEWS,
 IMSRESEARCH, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PHAR, PIRA,
 PROMT, PROUSDDR, PS, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN,
 USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;
 Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
 FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation);
 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES
 (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological
 study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent);
 USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT
 (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical
 study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); USES
 (Uses)

absolute stereochemistry. Rotation (+).



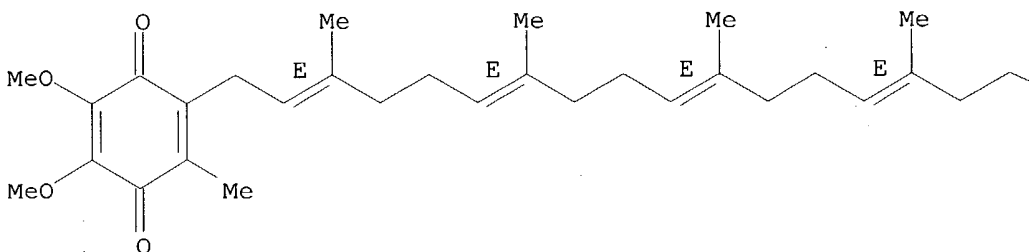
*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

7552 REFERENCES IN FILE CA (1907 TO DATE)
181 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7566 REFERENCES IN FILE CAPLUS (1907 TO DATE)
93 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

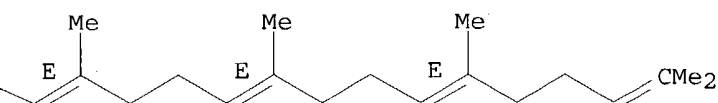
5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 2394-68-5 REGISTRY
 2,5-Cyclohexadiene-1,4-dione, 2,3-dimethoxy-5-methyl-6-
 [(2E,6E,10E,14E,18E,22E,26E)-3,7,11,15,19,23,27,31-octamethyl-
 2,6,10,14,18,22,26,30-dotriacontaoctaenyl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 2,5-Cyclohexadiene-1,4-dione, 2,3-dimethoxy-5-methyl-6-
 (3,7,11,15,19,23,27,31-octamethyl-2,6,10,14,18,22,26,30-
 dotriacontaoctaenyl)-, (all-E)-
 p-Benzoquinone, 2,3-dimethoxy-5-methyl-6-(3,7,11,15,19,23,27,31-octamethyl-
 2,6,10,14,18,22,26,30-dotriacontaoctaenyl)- (6CI, 8CI)
 OTHER NAMES:
 Coenzyme Q8
 CoQ8
 Ubiquinone 40
 Ubiquinone 8
 Ubiquinone Q8
 STEREOSEARCH
 20304-10-3
 C49 H74 O4
 COM
 STN Files: AGRICOLA, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS,
 CASREACT, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE,
 NAPRALERT, TOXCENTER, USPATFULL
 (*File contains numerically searchable property data)
 CAPLUS document type: Conference; Journal; Patent
 Roles from patents: BIOL (Biological study); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)
 Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



***PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

355 REFERENCES IN FILE CA (1907 TO DATE)
 355 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> SE

L12 ANSWER 1 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:121055 USPATFULL
TITLE: Dry powder oligonucleotide formulation, preparation and
its uses
INVENTOR(S): Leonard, Sherry A., Lawrenceville, NJ, UNITED STATES
Nyce, Jonathan W., Titusville, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004092470	A1	20040513
APPLICATION INFO.:	US 2003-463999	A1	20030618 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-389740P	20020618 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	84	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2827	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 2 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:108120 USPATFULL
TITLE: Use of DHEA and DHEA-sulfate for the treatment of
chronic obstructive pulmonary disease
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004082522	A1	20040429
APPLICATION INFO.:	US 2003-454061	A1	20030603 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2002-US12555, filed on 22 Apr 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-286124P	20010424 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Page(s)	
LINE COUNT:	2047	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2004:64503 USPATFULL
TITLE: Composition & methods for treatment and screening
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED
STATES
Sandrasagra, Anthony, South Brunswick, NJ, UNITED
STATES
Tang, Lei, Princeton, NJ, UNITED STATES
Aguilar, Douglas, Jersey City, NJ, UNITED STATES
Miller, Shoreh, Plainsboro, NJ, UNITED STATES
Shahabuddin, Syed, Newtown, PA, UNITED STATES
Lu, Hong, Plainsboro, NJ, UNITED STATES
Cong, Hui, Cranbury, NJ, UNITED STATES

*Opp with
Kilmer 29-30
method claims
Not combination
herein*

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004049022	A1	20040311
APPLICATION INFO.:	US 2003-627930	A1	20030725 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2002-US13135, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. WO 2002-US13143, filed on 23 Apr 2002, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025		
NUMBER OF CLAIMS:	94		
EXEMPLARY CLAIM:	1		
LINE COUNT:	9449		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 4 OF 23 USPATFULL on STN
 ACCESSION NUMBER: 2004:45036 USPATFULL
 TITLE: Composition and method for altering levels of or sensitivity to adenosine with a dehydroepiandrosterone
 INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004034029	A1	20040219
APPLICATION INFO.:	US 2003-410955	A1	20030409 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-488236, filed on 20 Jan 2000, GRANTED, Pat. No. US 6670349 Division of Ser. No. US 1997-861962, filed on 22 May 1997, GRANTED, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, GRANTED, Pat. No. US 5660835		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	467		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 5 OF 23 USPATFULL on STN
 ACCESSION NUMBER: 2003:337285 USPATFULL
 TITLE: Composition & method for altering levels of or sensitivity to adenosine with a dehydroepiandrosterone &/or a ubiquinone
 INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, United States
 PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6670349	B1	20031230
APPLICATION INFO.:	US 2000-488236		20000120 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-861962, filed on 22 May 1997, now patented, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, now patented, Pat. No. US 5660835		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Padmanabhan, Sreeni		
ASSISTANT EXAMINER:	Hui, San-ming		
LEGAL REPRESENTATIVE:	Halluin, Albert P., Howrey Simon Arnold & White, LLP		
NUMBER OF CLAIMS:	70		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	691		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 6 OF 23 USPATFULL on STN

ACCESSION NUMBER: 2003:306893 USPATFULL
TITLE: Composition, formulations & kit for treatment of
respiratory & lung disease with
dehydroepiandrosterone(s) steroid & an anti-muscarinic
agent(s)
INVENTOR(S): Robinson, Cynthia B., Wayne, PA, UNITED STATES
Nyce, Jonathan W., Titusville, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003216329	A1	20031120
APPLICATION INFO.:	US 2003-461563	A1	20030612 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US12552, filed on 22 Apr 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-388170P	20020612 (60)
	US 2001-286139P	20010424 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301
RAVENSWOOD AVE., MENLO PARK, CA, 94025
NUMBER OF CLAIMS: 94
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Page(s)
LINE COUNT: 3048
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 7 OF 23 USPATFULL on STN

ACCESSION NUMBER: 2003:288177 USPATFULL
TITLE: Composition and formulations and their use as
nociceptic, anti-axniolytic and anabolic agents
INVENTOR(S): **Nyce, Jonathan W.**, Princeton, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003202935	A1	20031030
APPLICATION INFO.:	US 2000-554485	A1	20000509 (9)
	WO 2000-US180		20000105

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ALBERT P. Halluin, Howrey Simon Arnold & White, LLP,
box 34, Menio park, CA, 94025
NUMBER OF CLAIMS: 147
EXEMPLARY CLAIM: 1
LINE COUNT: 1234
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 8 OF 23 USPATFULL on STN

ACCESSION NUMBER: 2003:258300 USPATFULL
TITLE: Composition & use as analgesic, anti-inflammatory,
wound healing agent, for treatment of heart conditions,
assessment of heart function & tissue & cell protection
& healing & reperfusion, mood disorders & symptoms &
sequelae of menopause & for inducing unconsciousness,
sleep & anesthesia
INVENTOR(S): **Nyce, Jonathan W.**, Titusville, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003181353	A1	20030925

X Opp with composition differ continuation

APPLICATION INFO.: US 2003-349219 A1 20030121 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2001-762090, filed on 1 Feb.
2001, ABANDONED A 371 of International Ser. No. WO
1999-US17642, filed on 3 Aug 1999, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-95090P	19980803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOWREY SIMON ARNOLD & WHITE, LLP, BOX 34, 301 RAVENSWOOD AVE., MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	108	
EXEMPLARY CLAIM:	95	
LINE COUNT:	1818	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 9 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:152910 USPATFULL
TITLE: DNA CONSTRUCT, COMPOSITION, FORMULATIONS & METHODS FOR
MAKING THE CONSTRUCT & FOR MODULATING EXPRESSION
INVENTOR(S): **NYCE, JONATHAN W.**, GREENVILLE, NC, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003104576	A1	20030605
APPLICATION INFO.:	US 1994-319974	A1	19941007 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	VIVIANA AMZEL, PH.D, EPIGENESIS PHARMACEUTICALS, INC., 7 CLARKE DRIVE, CRANBURY, NJ, 08512		
NUMBER OF CLAIMS:	37		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	936		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 10 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2003:127630 USPATFULL
TITLE: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION &
TREATMENT OF DISEASES AND CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
INVENTOR(S): **NYCE, JONATHAN W.**, PRINCETON, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003087845	A1	20030508
	US 6825174	B2	20041130
APPLICATION INFO.:	US 1998-93972	A1	19980609 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	VIVIANA AMZEL, PH.D., EpiGenesis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ, 05812		
NUMBER OF CLAIMS:	107		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Page(s)		
LINE COUNT:	3682		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 11 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2002:221794 USPATFULL
TITLE: Composition & method for reducing adenosine levels with
a ubiquinone and optionally a dehydroepiandrosterone
INVENTOR(S): **Nyce, Jonathan W.**, Titusville, NJ, UNITED
STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002119936	A1	20020829
APPLICATION INFO.:	US 2001-72010	A1	20011025 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-841426, filed on 24 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2000-488236, filed on 20 Jan 2000, PENDING Continuation of Ser. No. US 1997-861962, filed on 22 May 1997, GRANTED, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, GRANTED, Pat. No. US 5660835		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Viviana Amzel, Ph.D., EpiGenensis Pharmaceuticals, Inc., 7 Clarke Drive, Cranbury, NJ, 08520		
NUMBER OF CLAIMS:	79		
EXEMPLARY CLAIM:	1		
LINE COUNT:	932		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

OPP co-pending

L12 ANSWER 12 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2002:202064 USPATFULL
TITLE: Method of treating disorders characterized by overexpression of cytidine deaminase or deoxycytidine deaminase
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6432924	B1	20020813
APPLICATION INFO.:	US 2000-493999		20000128 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-772445, filed on 26 Dec 1993, now patented, Pat. No. US 6136791 Continuation-in-part of Ser. No. US 1995-577185, filed on 22 Dec 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Wilson, James O.		
LEGAL REPRESENTATIVE:	Amzel, Esq., Viviana		
NUMBER OF CLAIMS:	103		
EXEMPLARY CLAIM:	1,78		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	872		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 13 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2002:188336 USPATFULL
TITLE: Satiety inducing composition comprising Neuropeptide Y analogues and methods of inducing satiety and treating a disease or condition associated with it
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
Leonard, Sherry Ann, Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6426330	B1	20020730
APPLICATION INFO.:	US 1999-247755		19990209 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-422889, filed on 17 Apr 1995, now patented, Pat. No. US 6075009		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Davenport, Avis M.		

LEGAL REPRESENTATIVE: Amzel, Viviana
NUMBER OF CLAIMS: 73
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 557
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 14 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2002:54997 USPATFULL
TITLE: Compositions & formulations with an epiandrosterone or a ubiquinone & kits & their use for treatment of asthma symptoms & for reducing adenosine/adenosine receptor levels
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002032460	A1	20020314
APPLICATION INFO.:	US 2001-841426	A1	20010424 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-488236, filed on 20 Jan 2000, PENDING Continuation of Ser. No. US 1997-861962, filed on 22 May 1997, GRANTED, Pat. No. US 6087351 Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, GRANTED, Pat. No. US 5660835		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	EPIGENESIS PHARMACEUTICALS, 7 CLARK DRIVE, CANBURY, NJ, 08520		
NUMBER OF CLAIMS:	79		
EXEMPLARY CLAIM:	1		
LINE COUNT:	929		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Instant invention

L12 ANSWER 15 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:142358 USPATFULL
TITLE: Agent and method for treating disorders associated with cytidine deaminase or deoxycytidine deaminase overexpression
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6136791		20001024
APPLICATION INFO.:	US 1996-772455		19961223 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-577185, filed on 22 Dec 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wilson, James O.		
LEGAL REPRESENTATIVE:	Amzel, VivianaArter & Hadden LLP		
NUMBER OF CLAIMS:	87		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	758		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 16 OF 23 USPATFULL on STN
ACCESSION NUMBER: 2000:88180 USPATFULL
TITLE: Method for reducing adenosine levels with a dehydroepiandrosterone and optionally a ubiquinone
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6087351		20000711
APPLICATION INFO.:	US 1997-861962		19970522 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-393863, filed on 24 Feb 1995, now patented, Pat. No. US 5660835		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Harrison, Robert H.		
LEGAL REPRESENTATIVE:	Amzel, VivianaArter & Hadden LLP		
NUMBER OF CLAIMS:	72		
EXEMPLARY CLAIM:	1		
LINE COUNT:	708		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

*parent case
method claims*

L12 ANSWER 17 OF 23 USPTAFULL on STN
ACCESSION NUMBER: 2000:74274 USPTAFULL
TITLE: Neuropeptide Y analogues, compositions and methods of lowering blood pressure
INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, United States
Leonard, Sherry Ann, Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6075009		20000613
APPLICATION INFO.:	US 1995-422839		19950417 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Davenport, Avis M.		
LEGAL REPRESENTATIVE:	Amzel, Viviana		
NUMBER OF CLAIMS:	79		
EXEMPLARY CLAIM:	1		
LINE COUNT:	810		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 18 OF 23 USPTAFULL on STN
ACCESSION NUMBER: 2000:34542 USPTAFULL
TITLE: Specific antisense oligonucleotide composition & method for treatment of disorders associated with bronchoconstriction and lung inflammation
INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6040296		20000321
APPLICATION INFO.:	US 1995-472527		19950607 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-472527, filed on 7 Jun 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Stanton, Brian R.		
ASSISTANT EXAMINER:	Hauda, Karen M.		
LEGAL REPRESENTATIVE:	Amzel, Viviana		
NUMBER OF CLAIMS:	63		
EXEMPLARY CLAIM:	1,37		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	947		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L12 ANSWER 19 OF 23 USPTAFULL on STN
ACCESSION NUMBER: 2000:18424 USPTAFULL

TITLE: Composition, kit and method for treatment of disorders associated with bronchoconstriction and lung inflammation

INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, United States

PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6025339	X	20000215
APPLICATION INFO.:	US 1996-757024	X	19961126 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-472527, filed on 7 Jun 1995		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Stanton, Brian R.		
ASSISTANT EXAMINER:	Hauda, Karen M.		
LEGAL REPRESENTATIVE:	Amzel, Viviana		
NUMBER OF CLAIMS:	77		
EXEMPLARY CLAIM:	1,41		
NUMBER OF DRAWINGS:	10 Drawing Figure(s)		
LINE COUNT:	2105		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 20 OF 23 USPATFULL on STN

ACCESSION NUMBER: 1999:155698 USPATFULL

TITLE: Low adenosine agent, composition, kit and method for treatment of airway disease

INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, United States

PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5994315	X	19991130
APPLICATION INFO.:	US 1995-474497	X	19950607 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hauda, Karen M.		
LEGAL REPRESENTATIVE:	Amzel, VivianaArter & Hadden, LLP		
NUMBER OF CLAIMS:	105		
EXEMPLARY CLAIM:	1,47		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1446		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 21 OF 23 USPATFULL on STN

ACCESSION NUMBER: 97:75824 USPATFULL

TITLE: Method of treating adenosine depletion

INVENTOR(S): **Nyce, Jonathan W.**, Greenville, NC, United States

PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5660835	X	19970826
APPLICATION INFO.:	US 1995-393863	X	19950224 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Hulina, Amy		
LEGAL REPRESENTATIVE:	Bell, Seltzer, Park & Gibson, P.A.		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
LINE COUNT:	510		

*method
of claim's
parent
case*

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 22 OF 23 USPATFULL on STN
ACCESSION NUMBER: 96:53304 USPATFULL
TITLE: Method of inhibiting carcinogenesis by treatment with dehydroepiandrosterone and analogs thereof
INVENTOR(S): Nyce, Jonathan W., Greenville, NC, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5527789		19960618
APPLICATION INFO.:	US 1994-284307		19940802 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-840510, filed on 24 Feb 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Goldberg, Jerome D.		
LEGAL REPRESENTATIVE:	Bell, Seltzer, Park & Gibson		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	648		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 23 OF 23 USPAT2 on STN
ACCESSION NUMBER: 2003:127630 USPAT2
TITLE: Composition, formulations & method for prevention & treatment of diseases and conditions associated with bronchoconstriction, allergy(ies) & inflammation
INVENTOR(S): Nyce, Jonathan W., Titusville, NJ, United States
PATENT ASSIGNEE(S): East Carolina University, Greenville, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6825174	B2	20041130
APPLICATION INFO.:	US 1998-93972		19980609 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-16464, filed on 30 Jan 1998 Continuation-in-part of Ser. No. US 1996-757024, filed on 26 Nov 1996, now patented, Pat. No. US 6025339 Continuation-in-part of Ser. No. US 1995-472527, filed on 7 Jun 1995, now patented, Pat. No. US 6040296 Continuation-in-part of Ser. No. US 1995-474497, filed on 7 Jun 1995, now patented, Pat. No. US 5994315 Continuation-in-part of Ser. No. US 1995-472527, filed on 7 Jun 1995, now patented, Pat. No. US 6040296		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	LeGuyader, John L.		
ASSISTANT EXAMINER:	Epps-Ford, Janet L.		
LEGAL REPRESENTATIVE:	Halluin, Albert P., Chiang, Robin C., Howrey Simon Arnold & White, LLP		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	6108		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.